MOBILE DEVICE AND METHOD FOR PROVIDING CERTIFICATE BASED CRYPTOGRAPHY

Abstract

A mobile device and method for providing certificate based cryptography includes a receiver (102) operative to receive a wireless transmission (110). Included within the wireless transmission is a certificate revocation notification (112). The mobile device and method thereof further includes an authenticator (104) operative to receive the certificate revocation notification (112) and operative to authenticate signed comparison data (120) within the certificate revocation notification (112). Upon authentication, an updater (106) is operative to update data representing at least one private or public key (107) based on the certificate revocation notification (112).